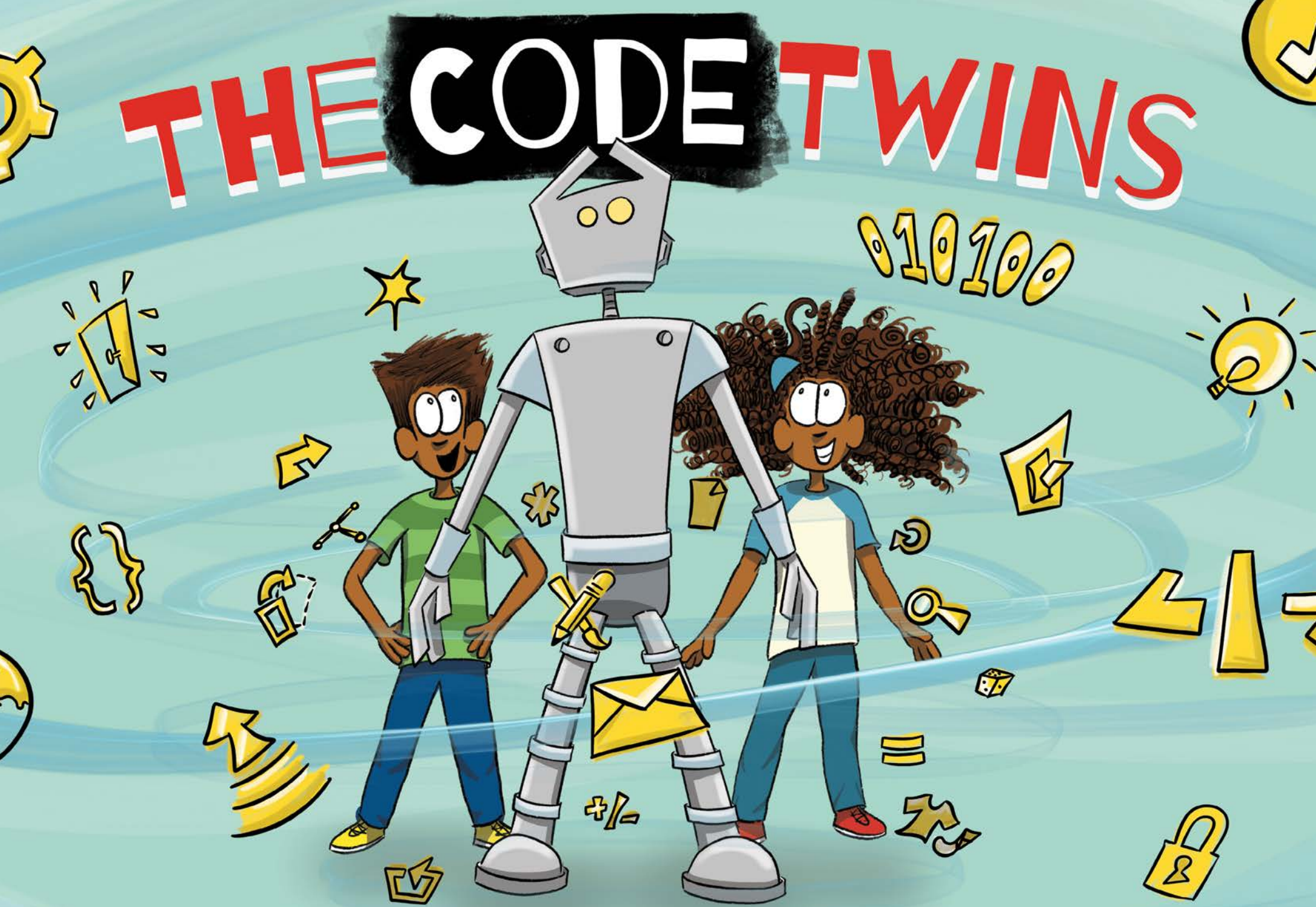
THE CODE TWINS



written by JOHN JENNINGS illustrated by CHAD AIKEN-ZDROIK

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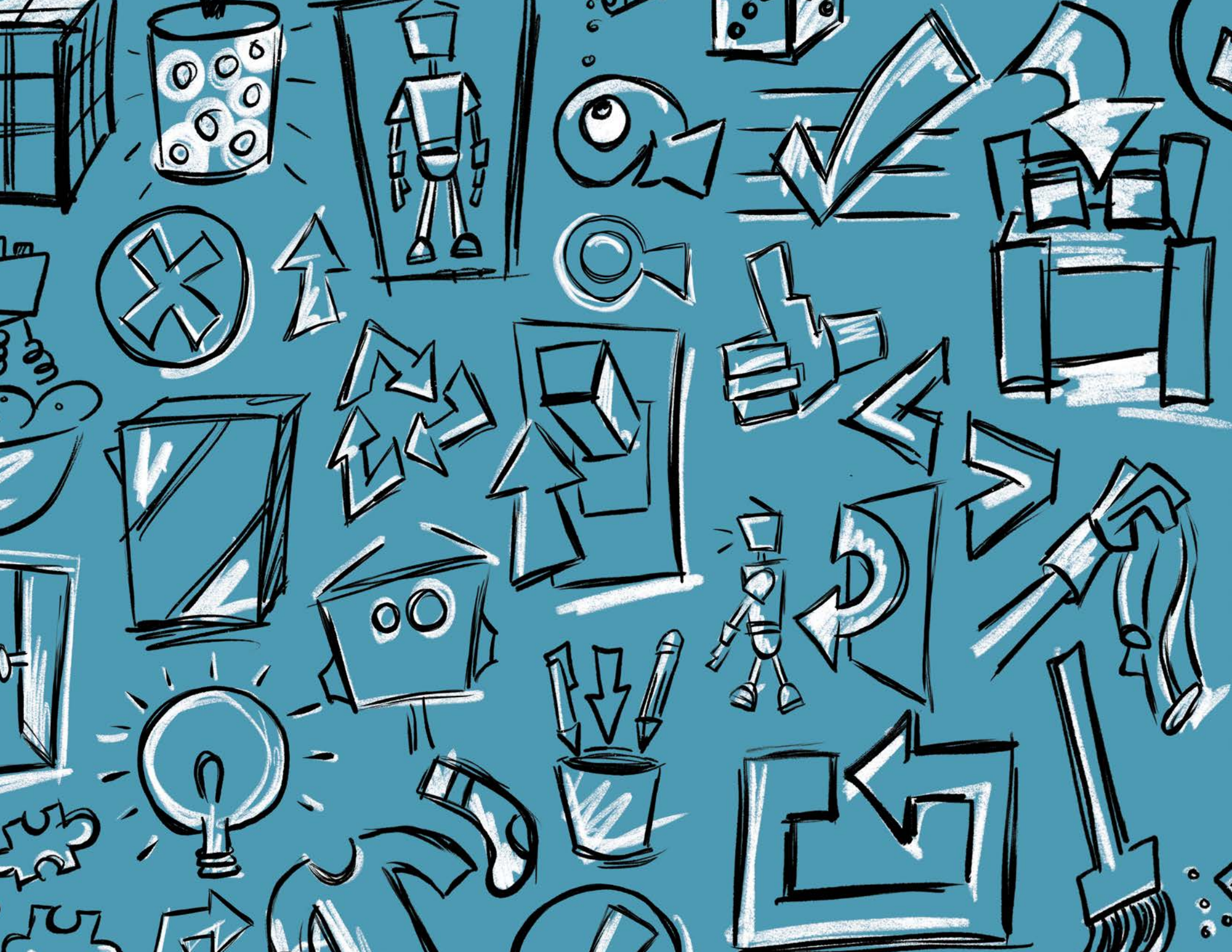

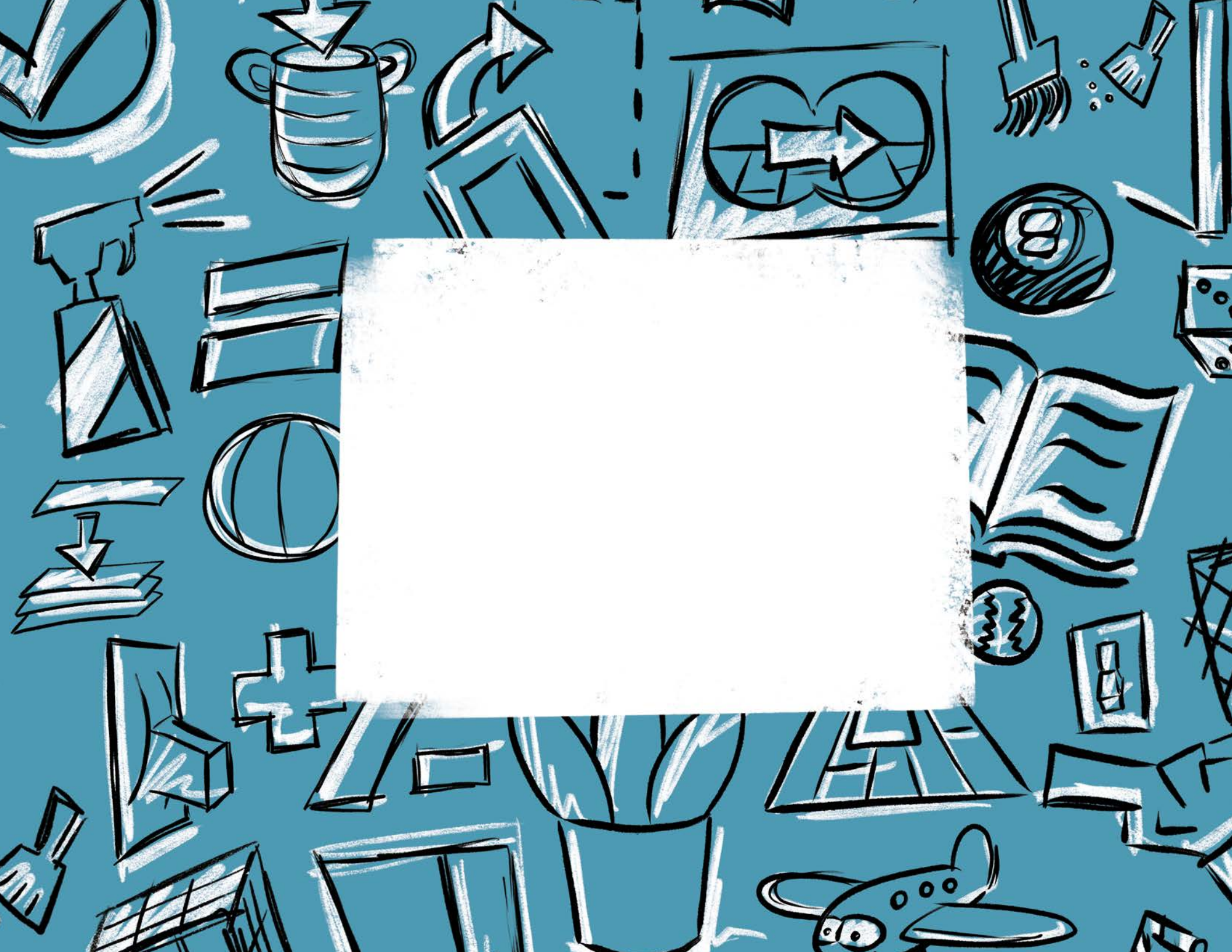

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THE CODE TWINS

For all the young coders who love to ask why
May this story move you to reach for the sky...

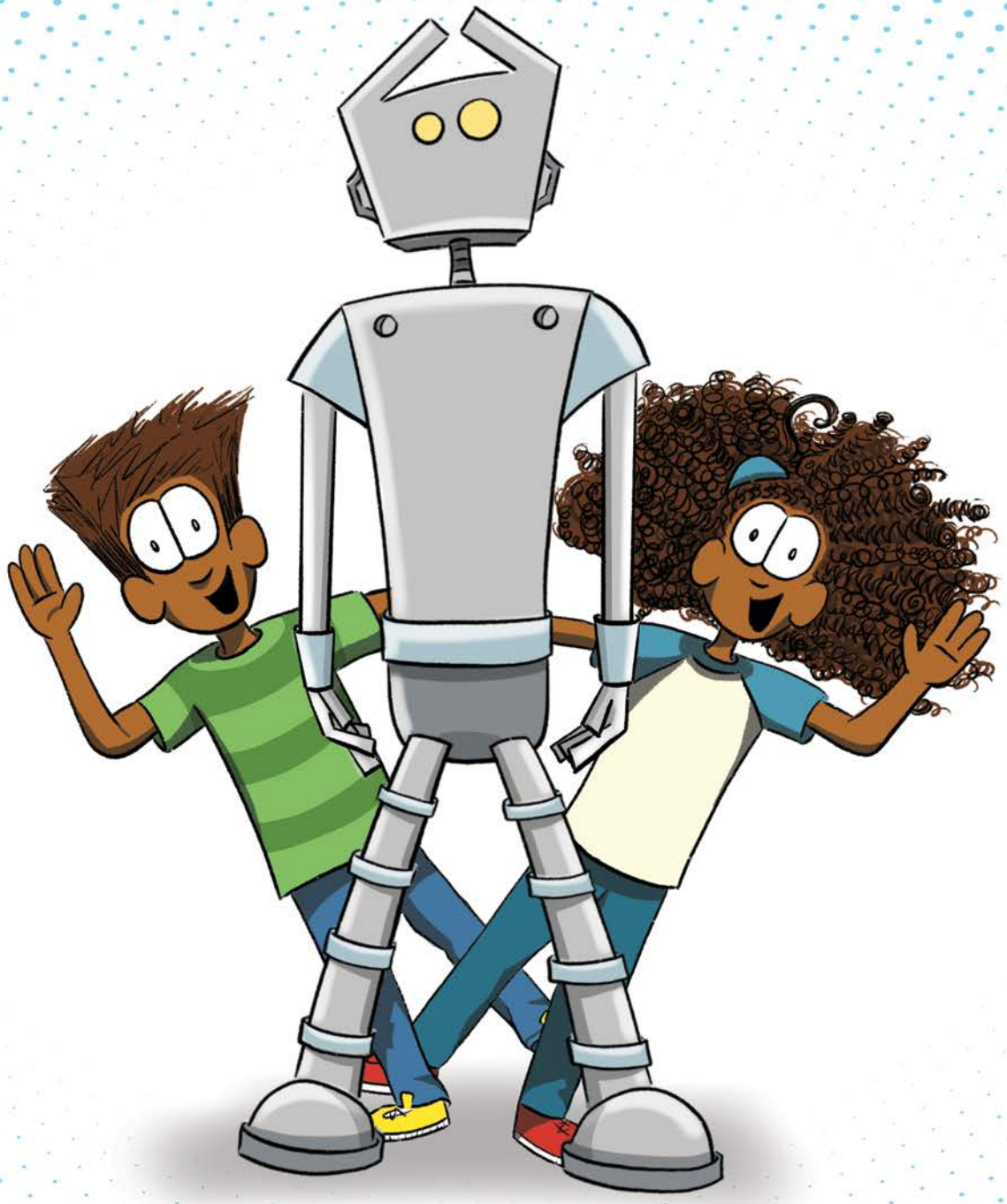
Made possible by SKYWARD®

Special thanks to: MID-STATE TECHNICAL COLLEGE CWITA Central Wisconsin Information Technology Alliance

Do you know these kids? Have you met them yet?

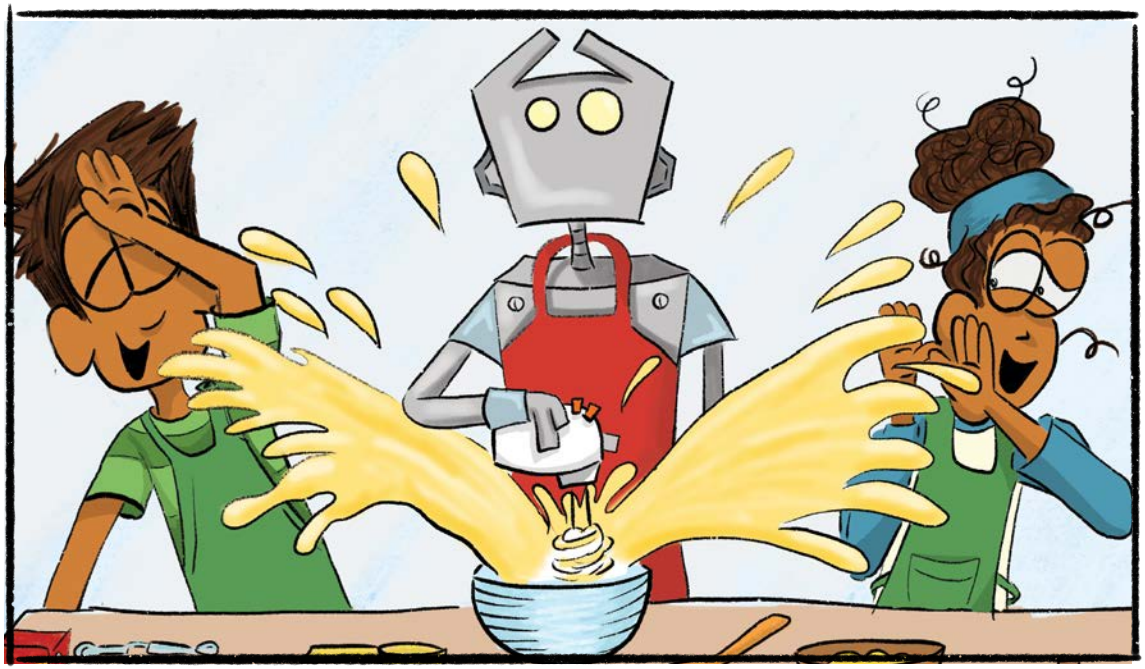
Say hello to the Code Twins, Brett and Yvette.

They are not all that different from someone like you

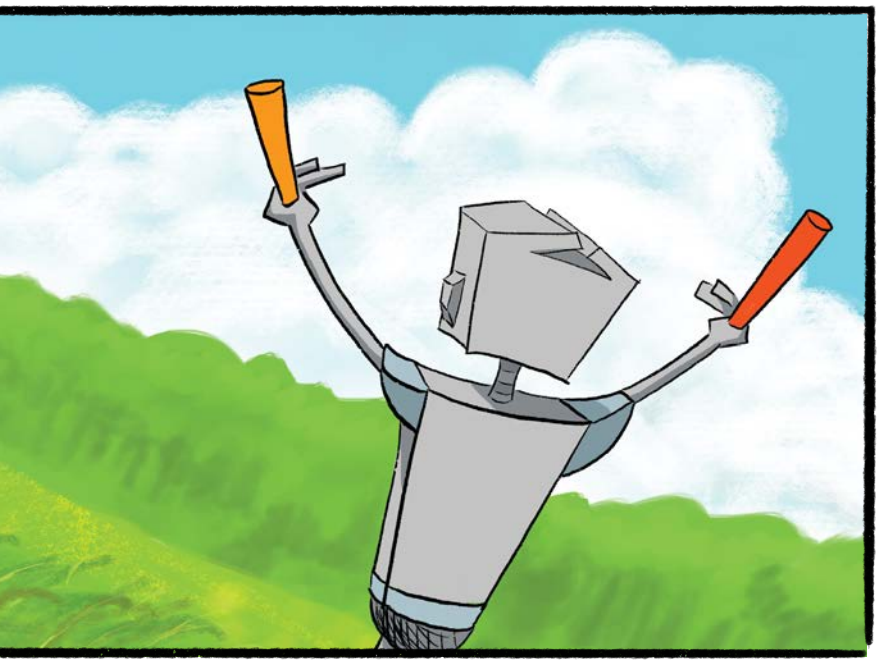


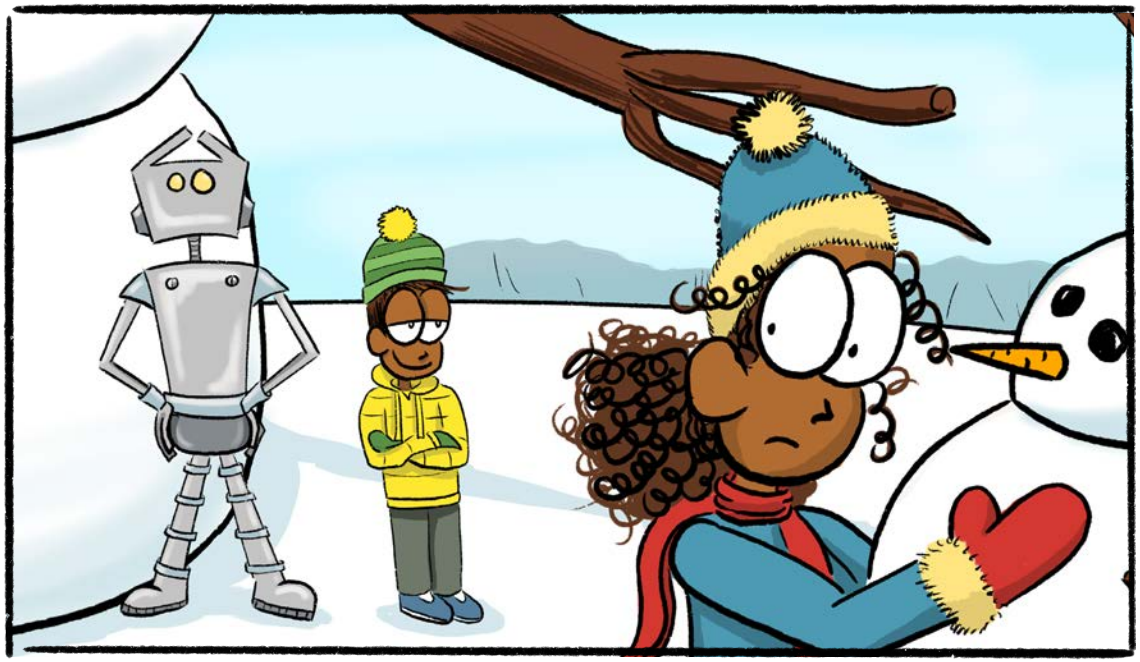
. . . except they have a robot called Cody Point Two.

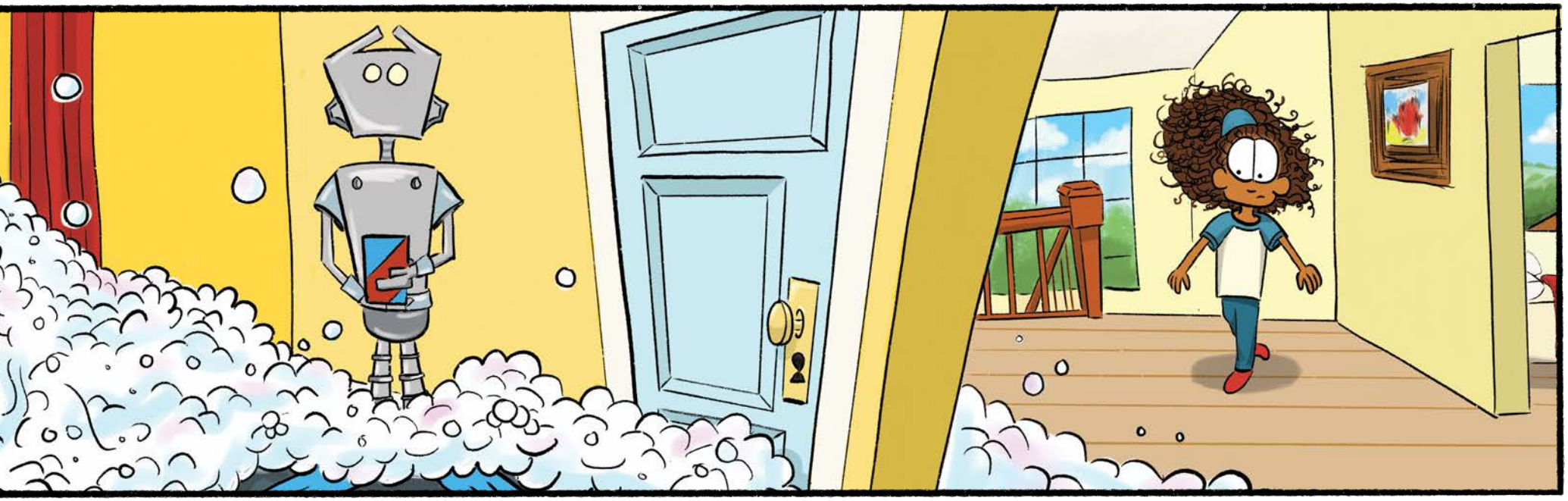
They go on adventures and solve puzzles together.

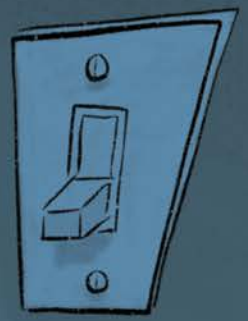


I bet you can help them—you seem like you're clever!







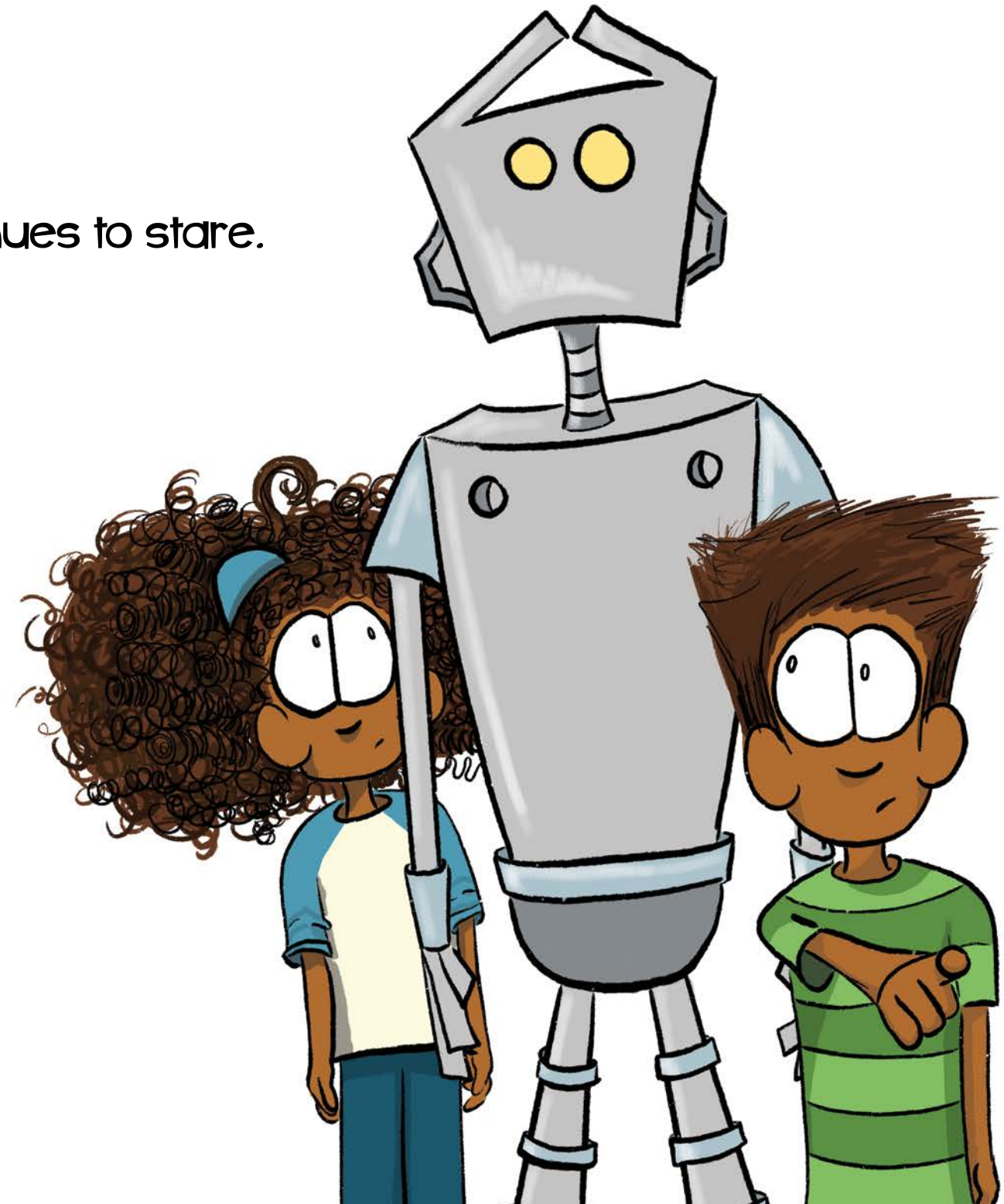


The first goal today is a true test of might:
Brett wants to read, but he can't reach the light.

Thank goodness for Cody, she's really quite tall.
This job shouldn't take too much time after all!

Brett looks to Cody, "Please flip that switch there."
But Cody just smiles . . .
OFF

. . . and continues to stare.



Yvette shakes her head, "That's not the right way. She needs better directions. Here's what to say:

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walk straight ahead
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then turn to your right
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step through the doorway
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then turn on the light
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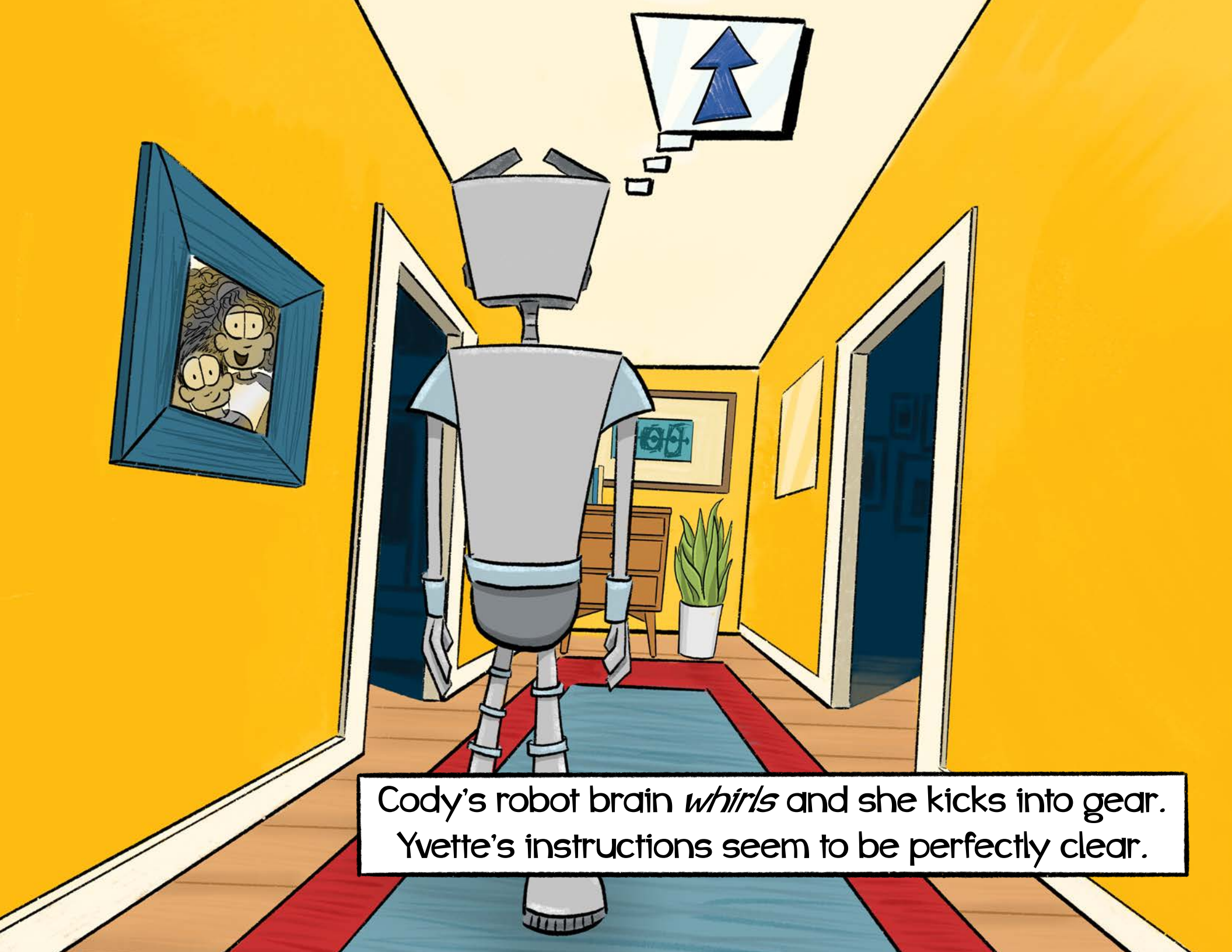
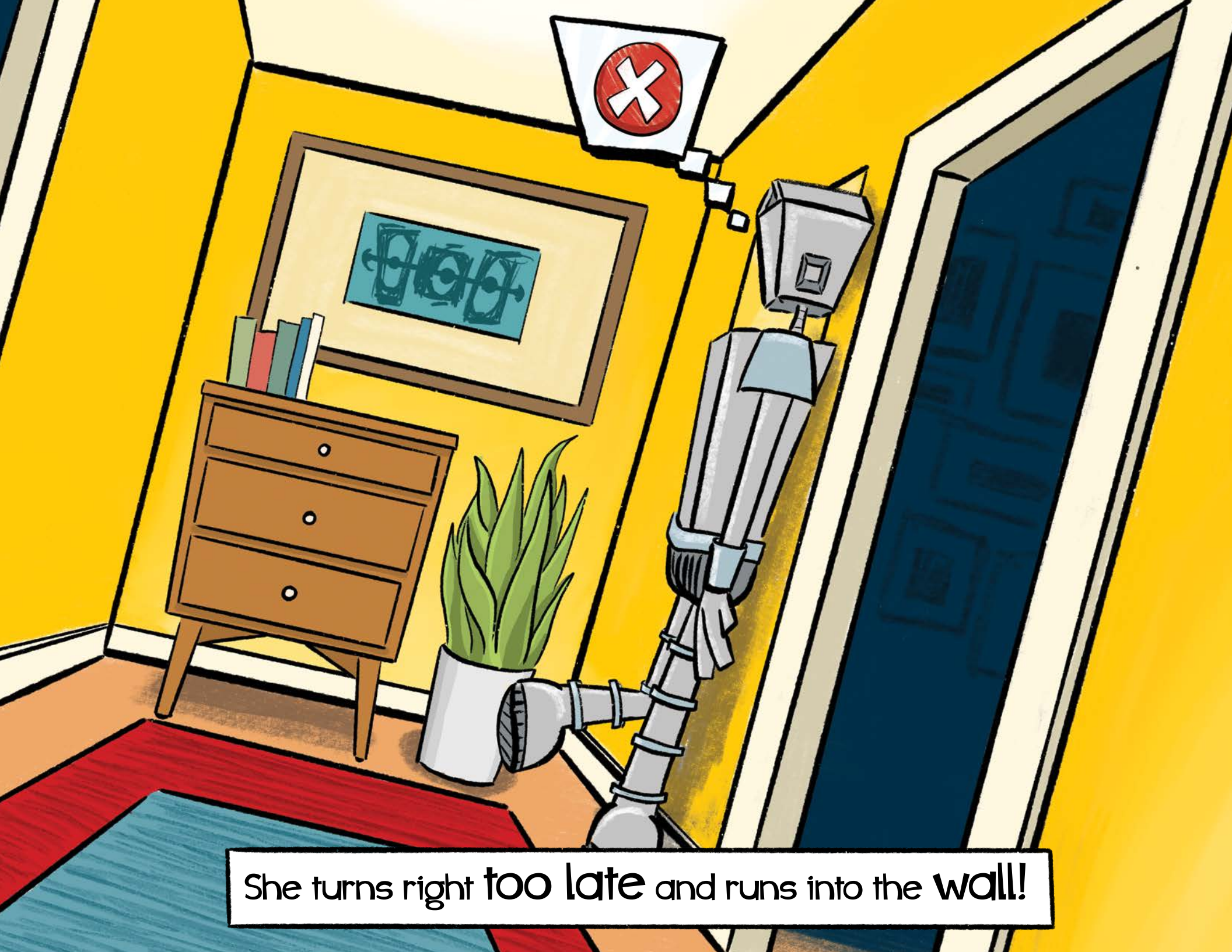
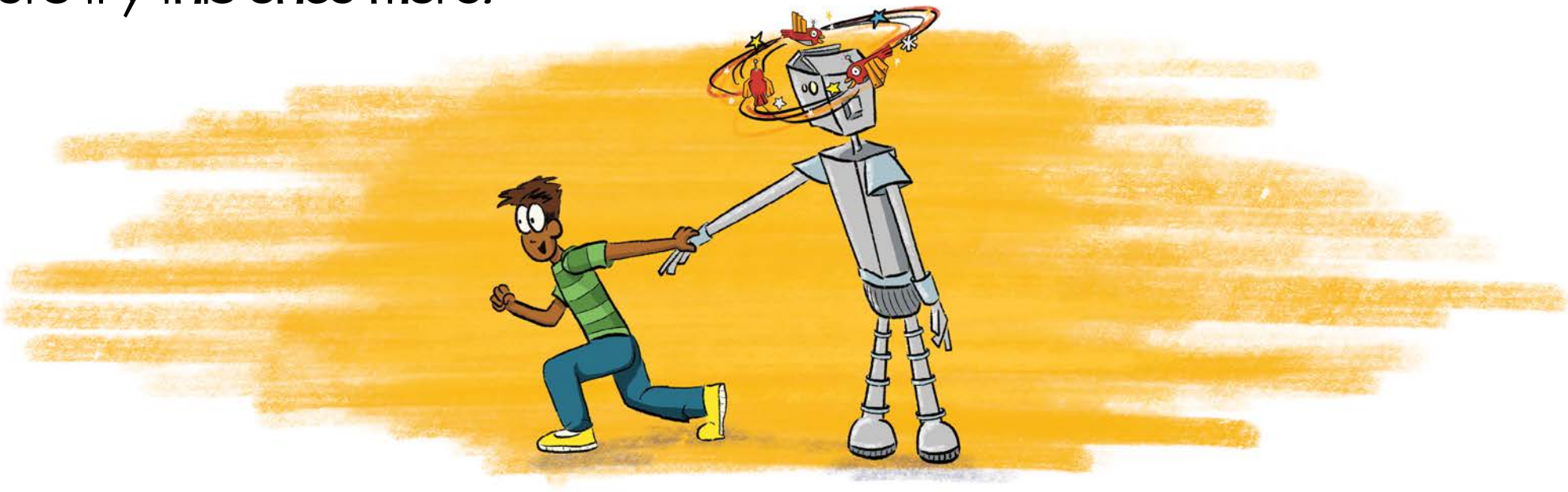

Cody's robot brain *whirls* and she kicks into gear.
Yvette's instructions seem to be perfectly clear.

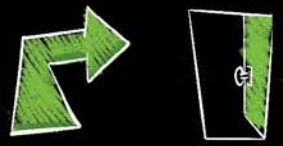
Oh no, look! Cody's gone too far down the hall!


She turns right too late and runs into the wall!

Brett helps her walk back.
"Let's try this once more:

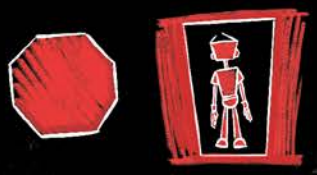


this time **walk** straight 'til you're left of a door



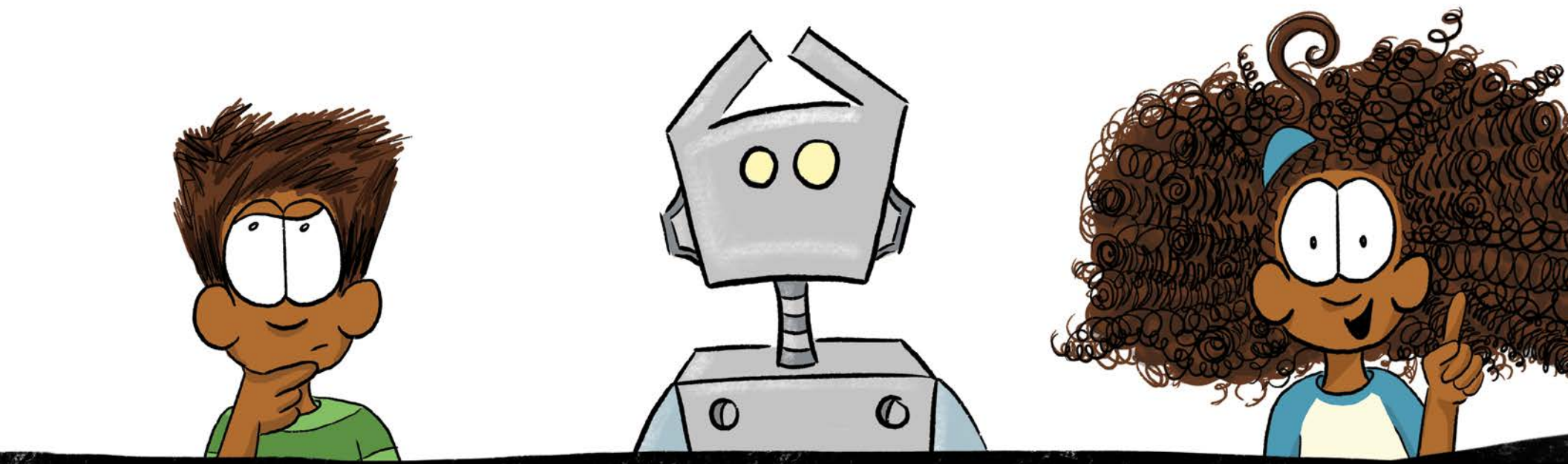
then **turn** and face it

walk forward again



stop moving your legs as soon as you're in

He stops to think...Was there something more to it?
Yvette chimes in, "Wait! I know just how to do it!



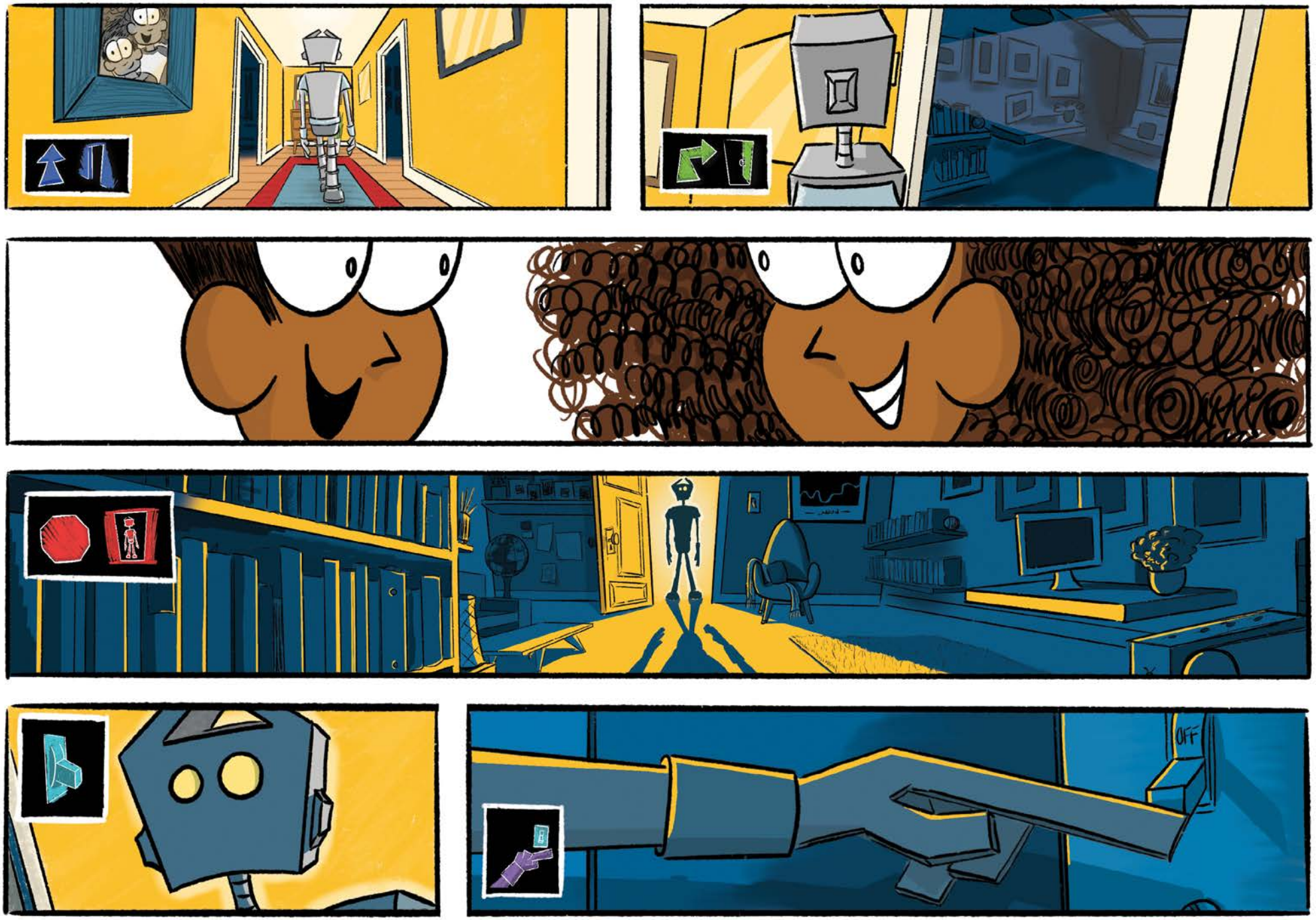
find the switch on your left

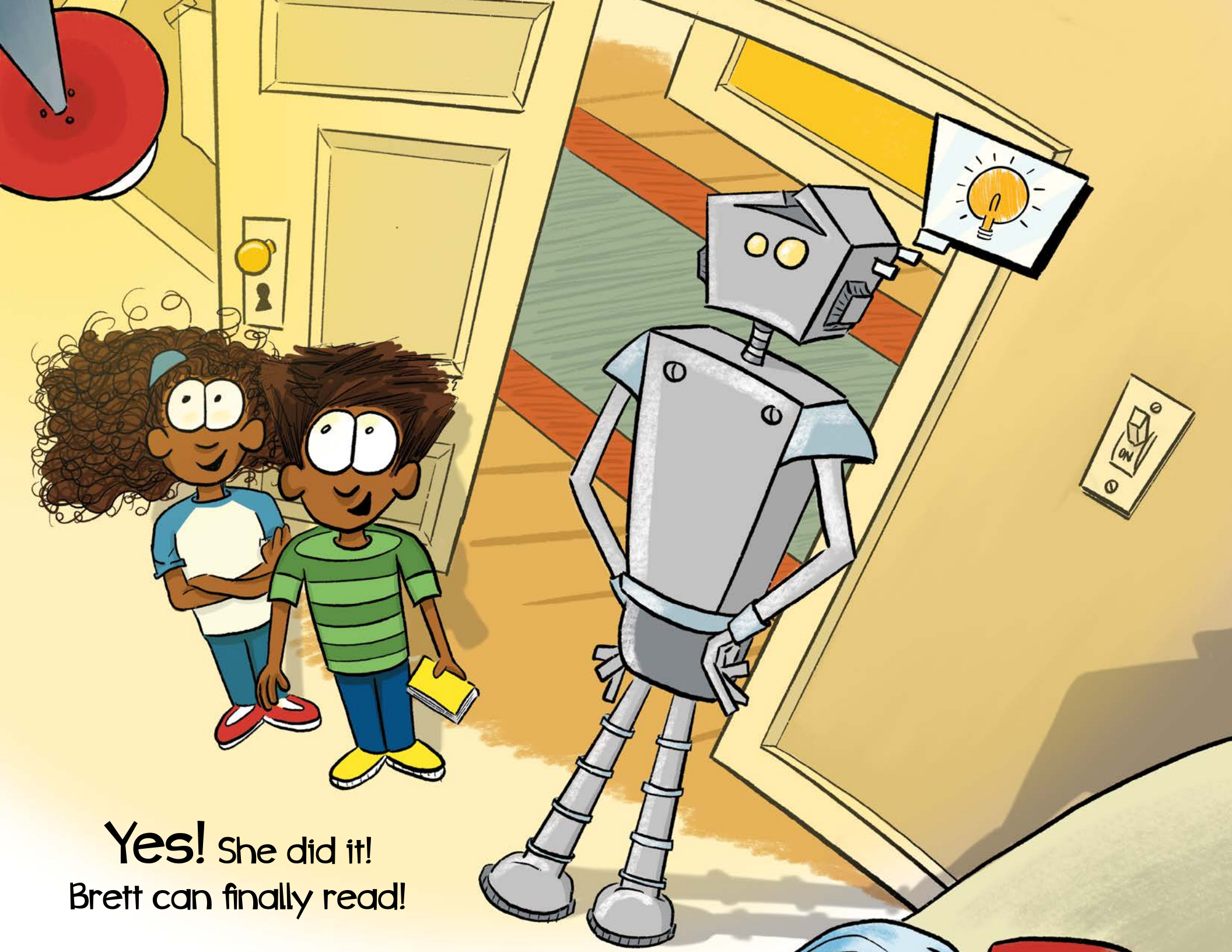
place a finger below

then flip that switch up

and brett's light will glow

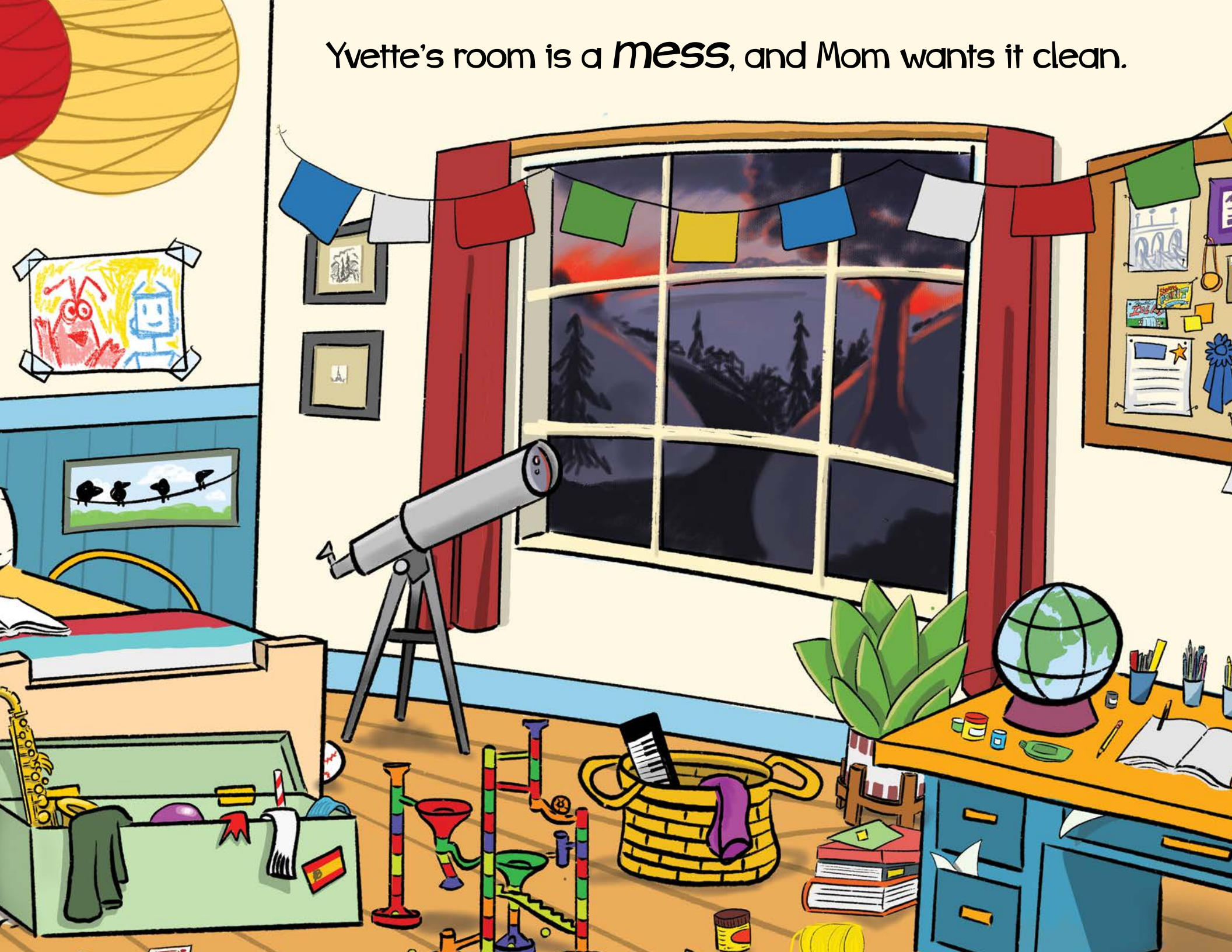
Let's see what happens. Will Cody succeed?



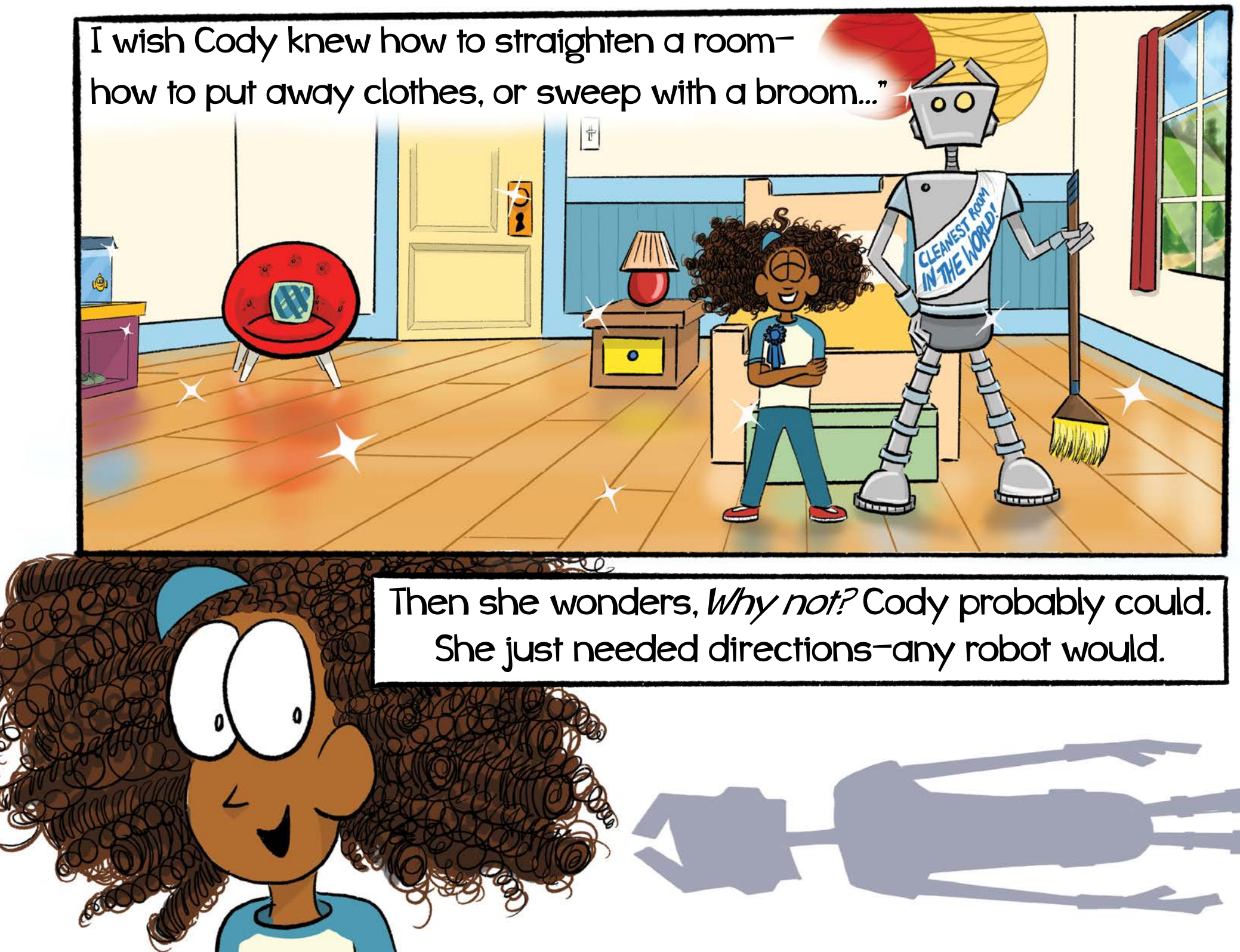

Yes! She did it!
Brett can finally read!

But we're not finished yet, there's more to be seen.
ROBOT
XING

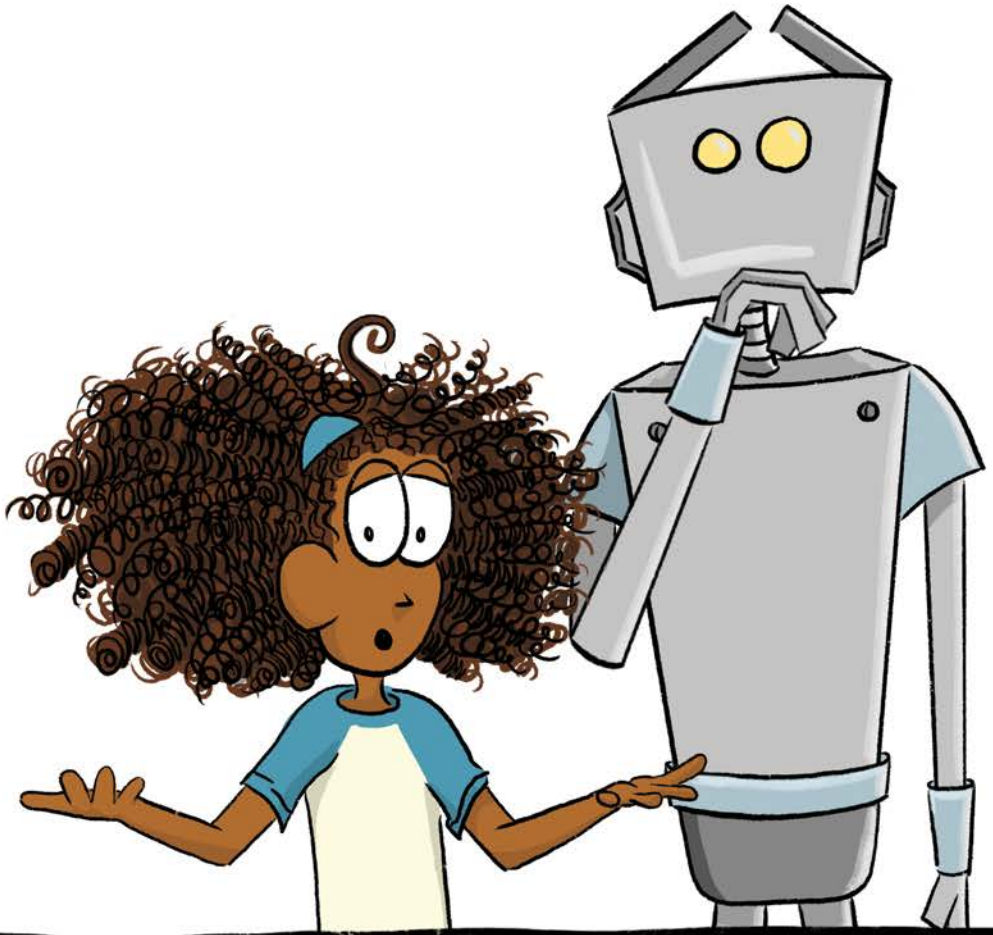
Yvette's room is a *mess*, and Mom wants it clean.



"Ugggh!" she exclaims. "This is just *wrong*!
The work is too hard! It'll take me too long!

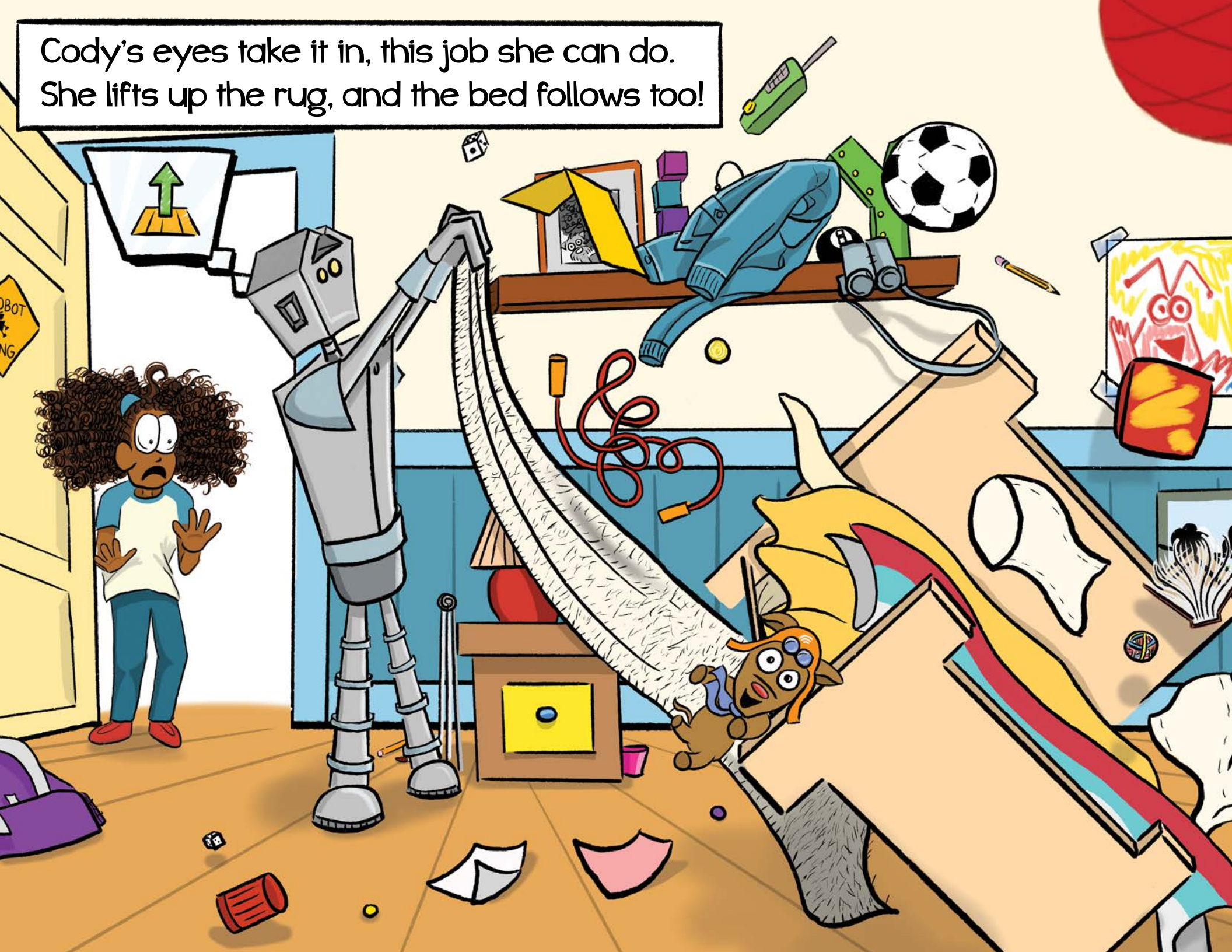

I wish Cody knew how to straighten a room—
how to put away clothes, or sweep with a broom..."
CLEANEST ROOM IN THE WORLD!
Then she wonders, *Why not?* Cody probably could.
She just needed directions—any robot would.

Yvette thinks it through, but there's no easy way.
"It's too much," she sighs, "and I don't have all day."

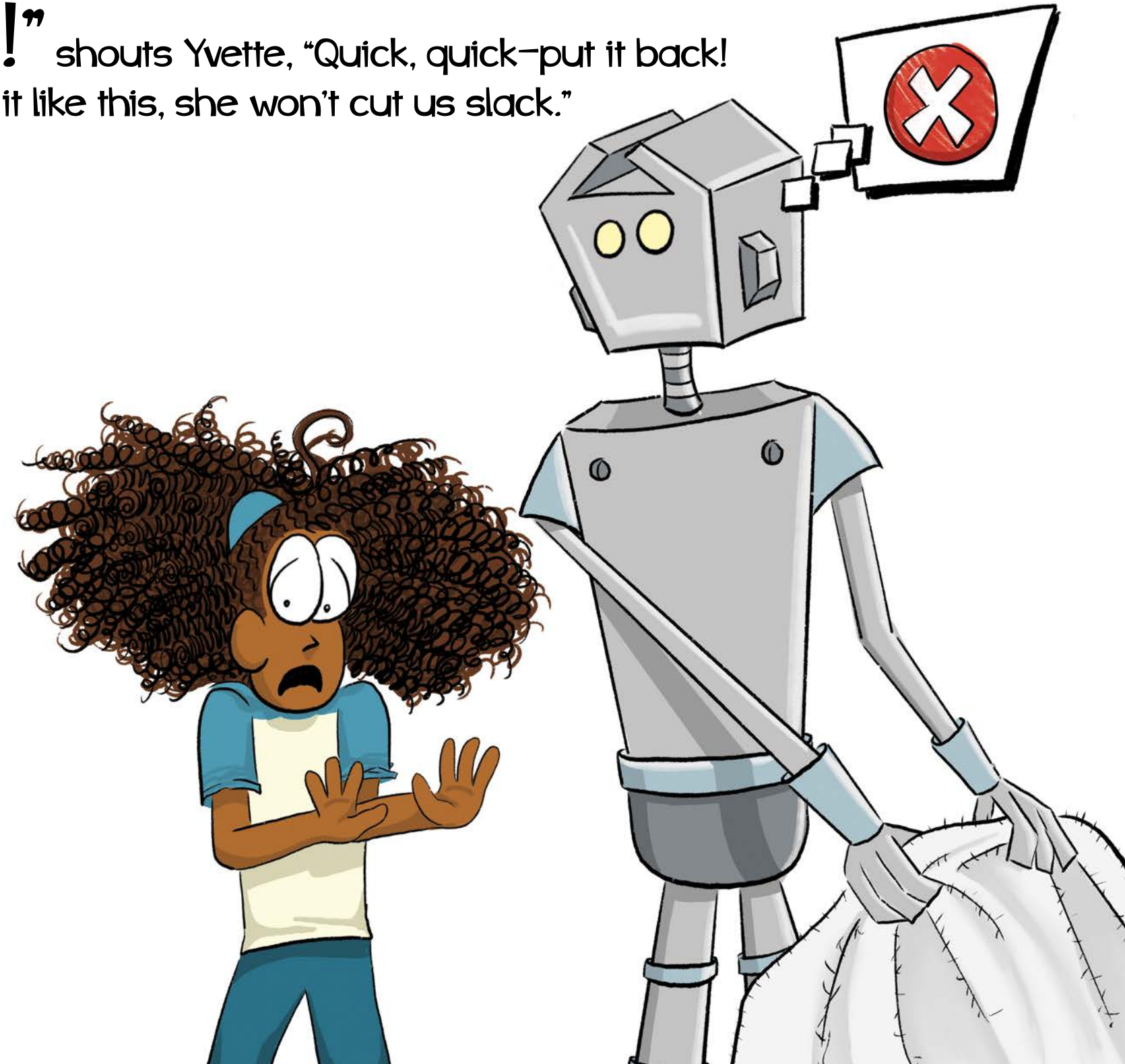


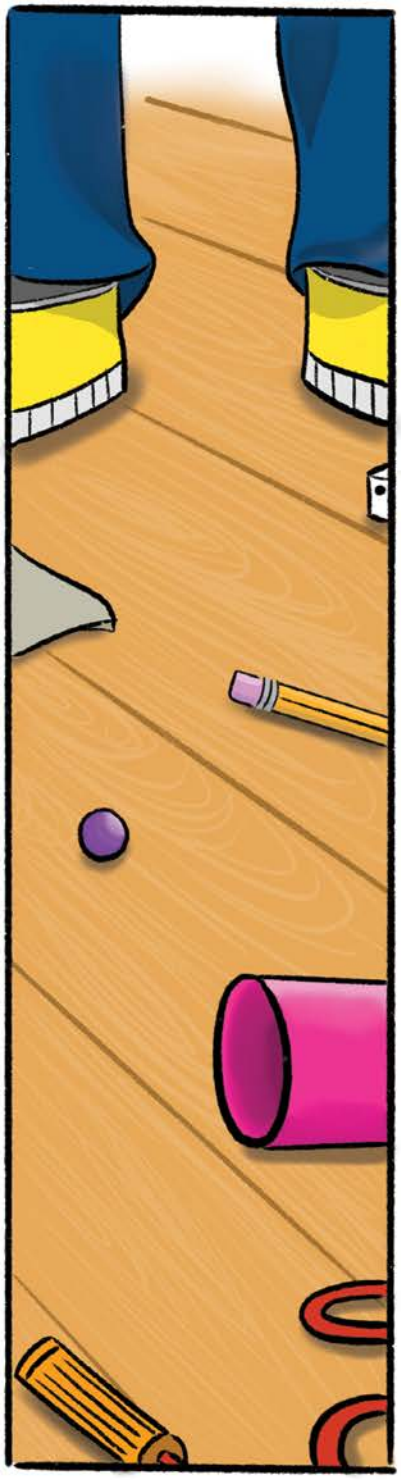
cody **see** this stuff all piled around

please help me **get it up** off of the ground

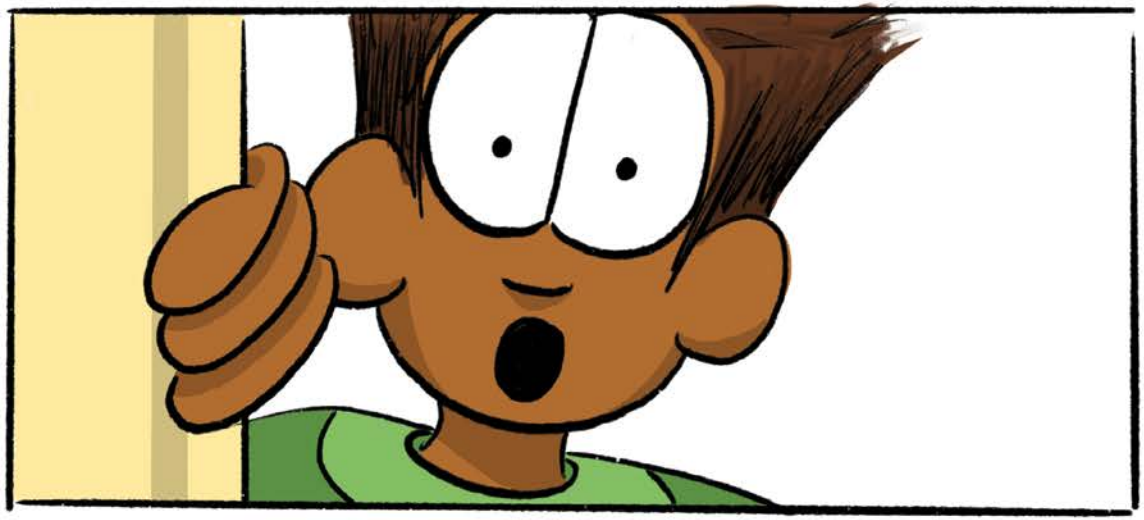

Cody's eyes take it in, this job she can do.
She lifts up the rug, and the bed follows too!

"No, no!" shouts Yvette, "Quick, quick—put it back!
If Mom sees it like this, she won't cut us slack."

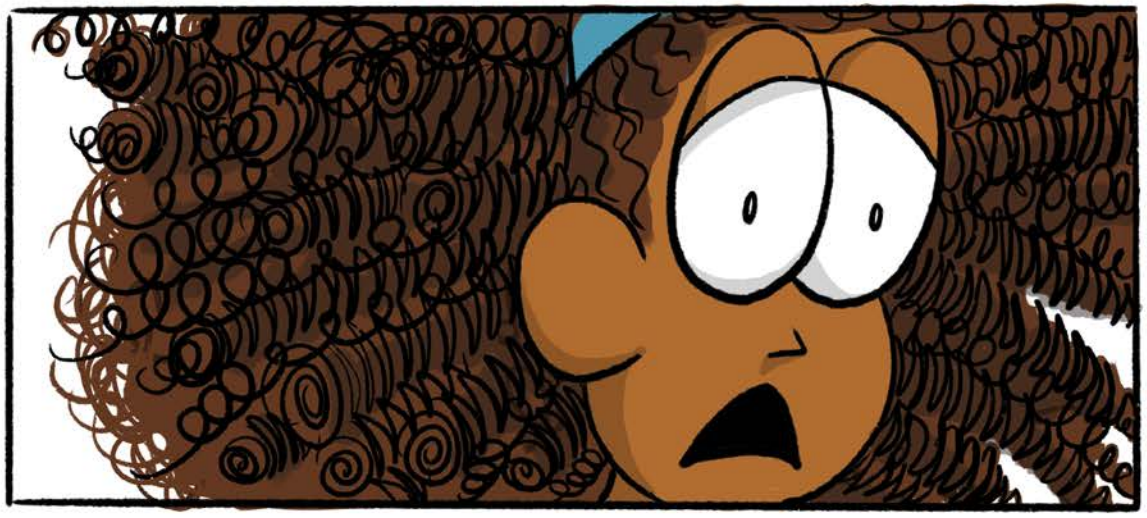


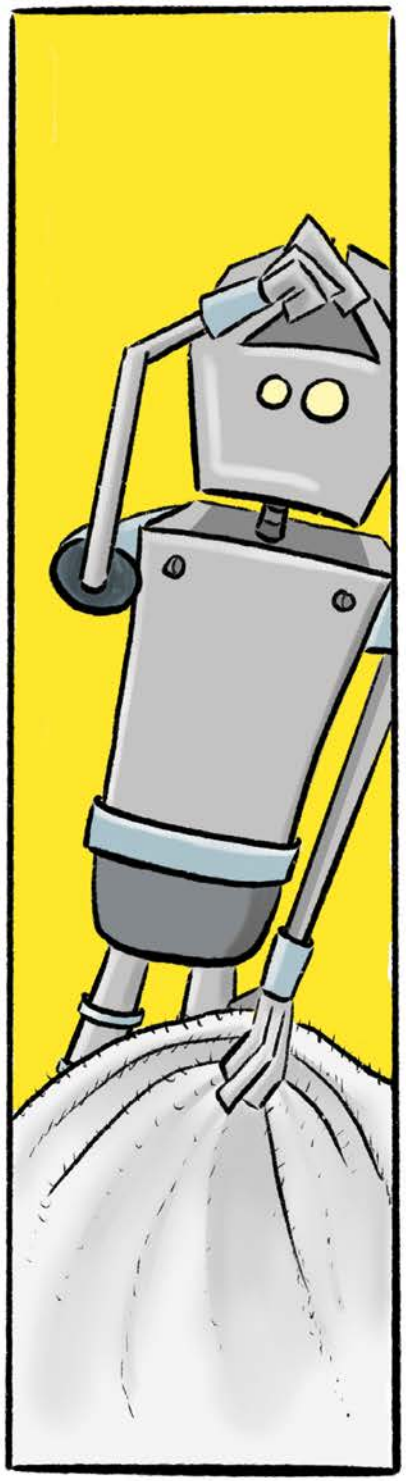


Brett opens the door, "Are you two alright? I heard a loud noise and...Oh, what a sight!"



"It's my fault," says Yvette. "I wasn't precise. Cody picked it **all** up without thinking twice."

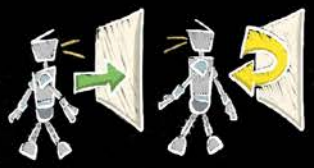




But the twins don't give up, they don't argue or pout.
They talk through a new plan, and they figure it out.

Brett speaks up first:

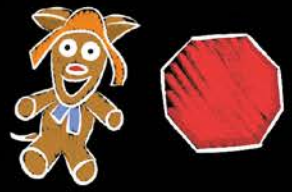
look down at the ground



walk straight to that wall

then turn back around

Yvette jumps in next:

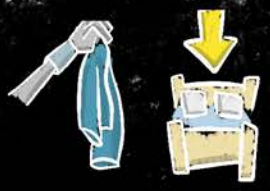


if you see a toy stop

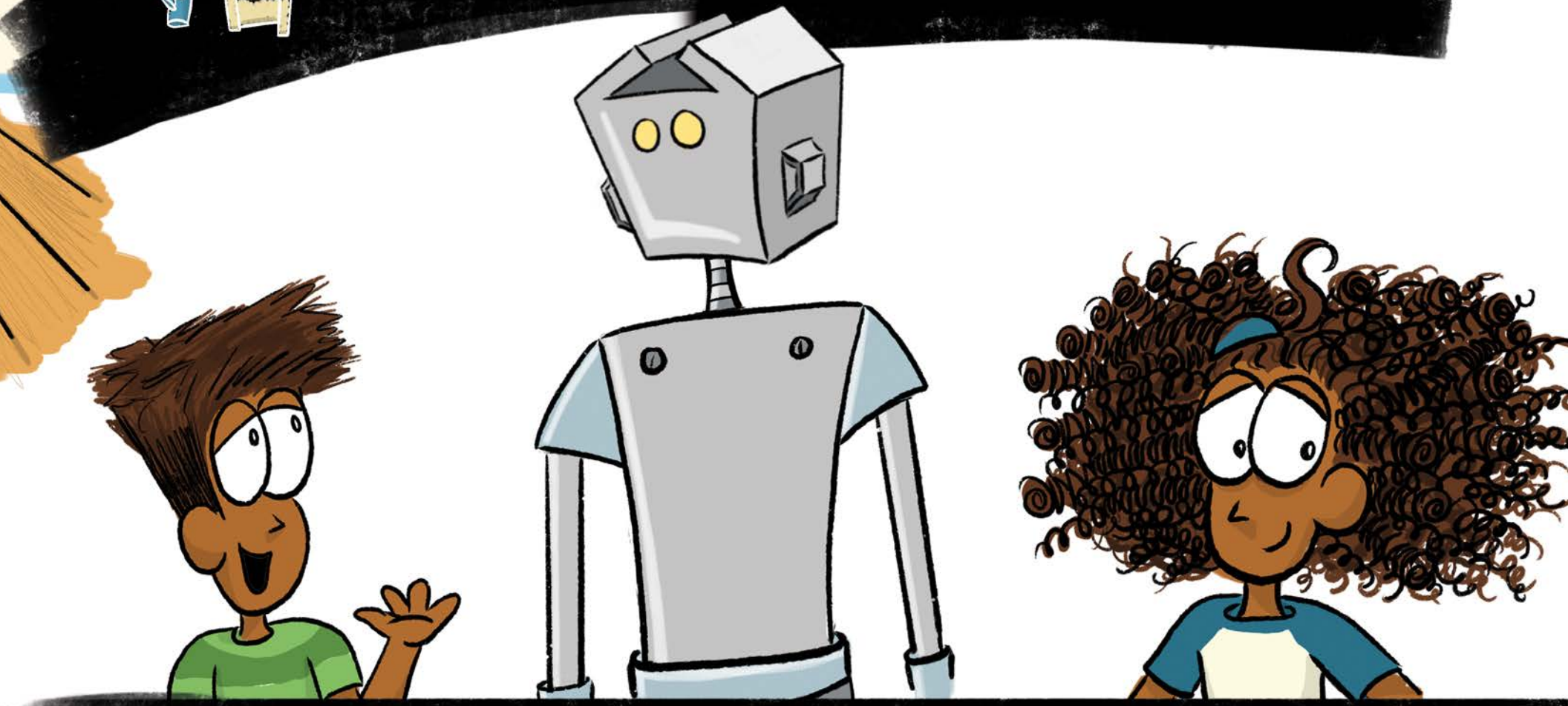
put it in this basket

then start from the top

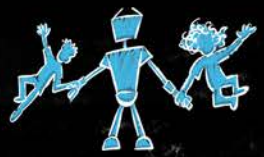
if you **see** any clothes (Brett thoughtfully says)



just **grab** them and **put** them right here on the bed

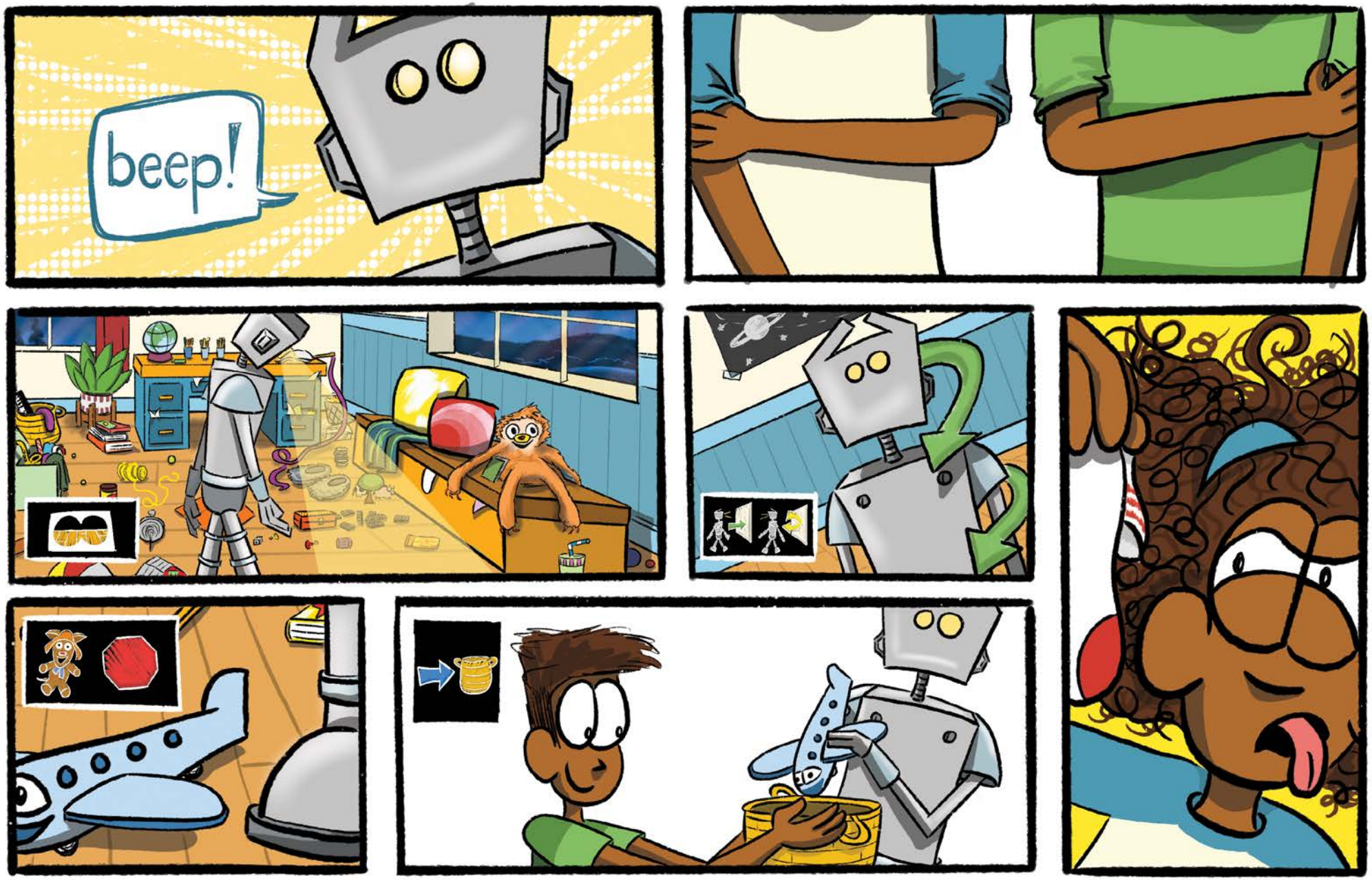


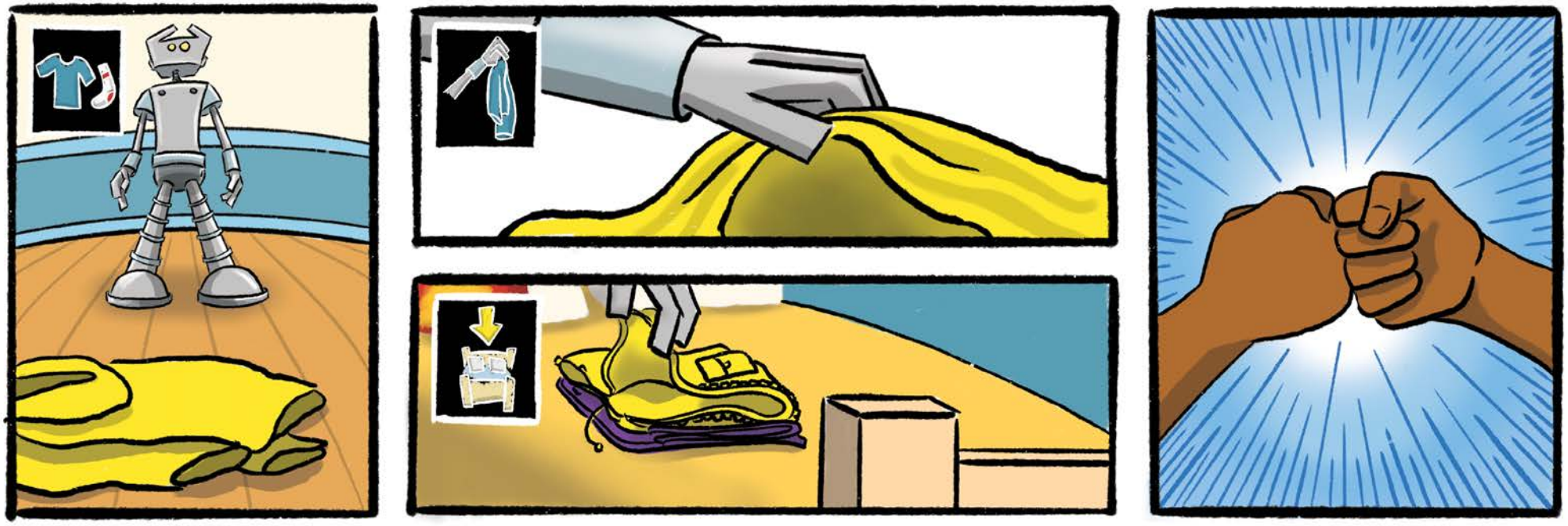
when there are no toys or clothes the work will be **done**



then all three of us can **go** and **do something** more fun

Cody beeps with delight. The twins roll up their sleeves.
With teamwork it's amazing what they can achieve.

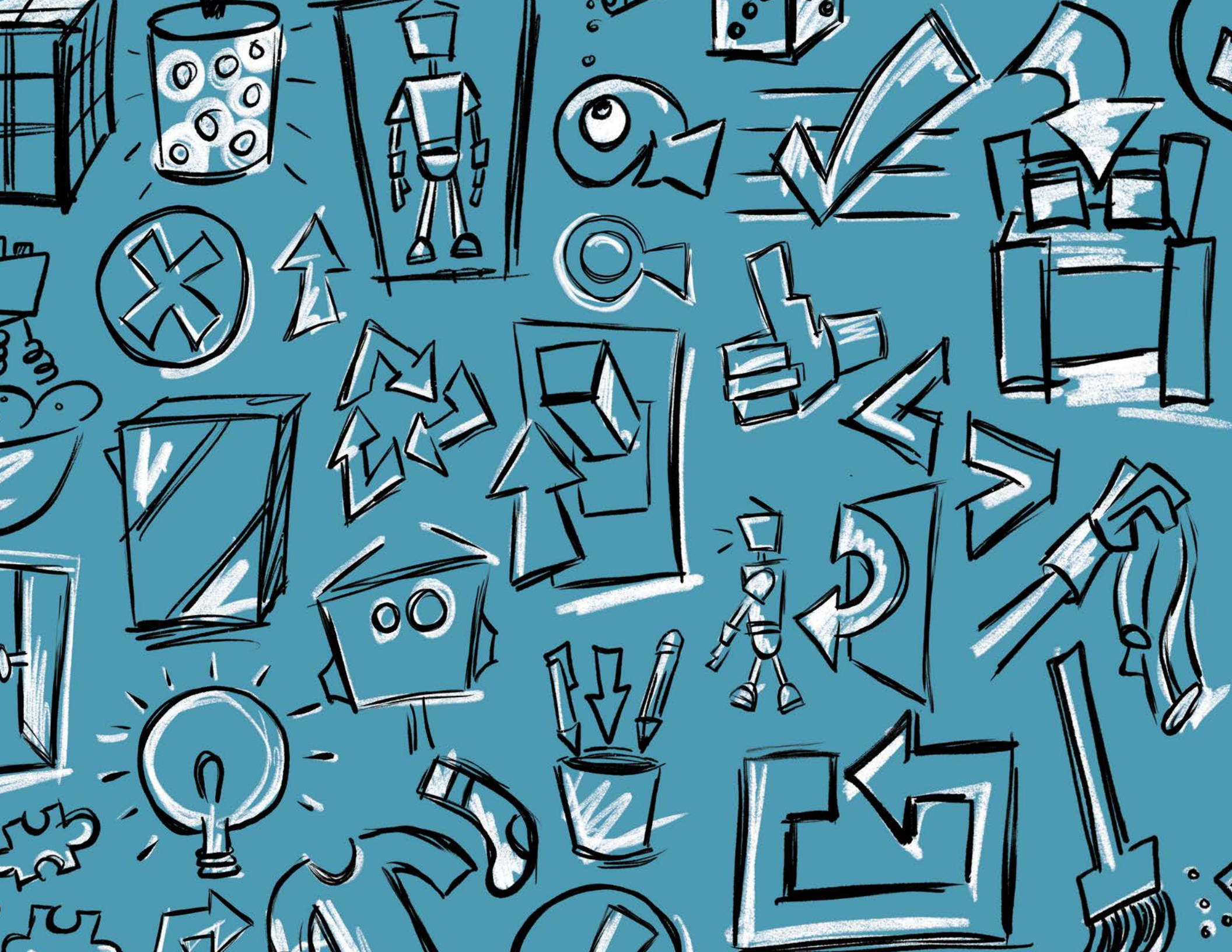




When Mom sticks her head in for a quick peek inside,
Yvette's room is sparkling. Mom's eyes open wide.

"Oh wow, I'm impressed. This looks better than ever!"

Yvette smiles, "Yep! It's 'cause we did it *together*."

The adventure doesn't have to end here!

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